



Cal OES

Daily Weather Threat Briefing

Regional Operations Center

Western Region

Friday, September 9



Day 1 (Friday): One more day of dangerous heat is expected across the state today, especially for the Central Valley. Heavy rainfall across far southern California could lead to flash flooding. Strong, gusty winds in southern California could also cause damage and fire weather concerns.



Weather Risk Outlook

Regional Operations Center
Western Region
Friday, September 9

	Fri, Sep 9	Sat, Sep 10	Sun, Sep 11	Mon, Sep 12	Tue, Sep 13	Wed, Sep 14	Thu, Sep 15
Fire Weather Low RH / Wind / Dry T-Storms	Inland/ Southern	Inland (North)	Inland (North)	Inland (North)	Inland (North)	Inland (North)	Inland (North)
Thunderstorms Wind / Hail / Tornadoes	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland (Sierra)	Inland (Sierra)	Inland (Sierra)
Heat	Inland/ Southern	Inland	All Areas	All Areas	All Areas	All Areas	All Areas
Cold							
River Flooding							
Wind	Southern	Southern					
Heavy Rain Flash Flooding / Debris Flow	Southern/ S Inland	Southern/ S Inland	Inland/ Southern				
Snow							
Coastal Flooding	Southern (Islands)	Southern (Islands)	Southern (Islands)				
Risk Levels	Little to None	Minor		Moderate		Major	Extreme



Weather Key Points - Heat/Fire

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Western Region

Friday, September 9

- One more day of dangerous, record-breaking heat is expected Friday, before notably cooler conditions return statewide beginning Saturday and persisting through next week
 - Temperatures across much of the Central Valley will again reach the 105-113°F range, with inland southern California also seeing widespread readings in the upper 90s to lower 100s.
 - Very warm temperatures well into the 80s and 90s will also be seen across northern and southern coastal areas
 - High to very high heat impacts will be widespread once again, with significantly reduced heat impacts likely for the weekend and much of next week
 - Some moderate heat risk concerns will linger across far northern California on Saturday with temperatures holding in the 80s and 90s before cooling further on Sunday
 - Cooler temperatures are expected across the state into the weekend and continuing through next week
- Fire weather conditions will also remain highly elevated to locally critical for much of the state through Friday evening, particularly in and around the mountains and foothills and across much of southern California due to increasingly strong east winds.
 - Any new or existing fires may spread quickly with the expected conditions.



Weather Key Points - Kay

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- Tropical Storm Kay will remain offshore of the Baja California peninsula, recurving out to sea through early next week but bringing both increasing east winds and moisture to much of southern California later Friday and Saturday. **Note that this tropical weather system will NOT make a direct landfall in southern California but is still expected to bring some significant impacts.**
 - East winds will increase over much of southern California Friday into early Saturday, with speeds of 25 to 40 mph and gusts of 45 to locally 65+ mph, highest in the mountains and mountain gaps favored by east winds. Some localized gusts over the higher peaks may reach or exceed 80 mph.
 - Periods of showers and thunderstorms will also increase across southern areas of the state Friday into Saturday, bringing heavy rainfall at times.
 - Total rainfall amounts of ½ to 1 inch are expected for many desert and coastal areas, with amounts of 2 to locally 5 inches across the Peninsular Ranges.
 - These amounts may be sufficient to produce flash flooding, especially in and around new and recent burn scars.
- **The burn scars of most concern are the Apple, Bobcat, Bond, El Dorado, Fish, Gulch, Lake, and Route Fires as well as the ongoing Radford and Fairview Fires**

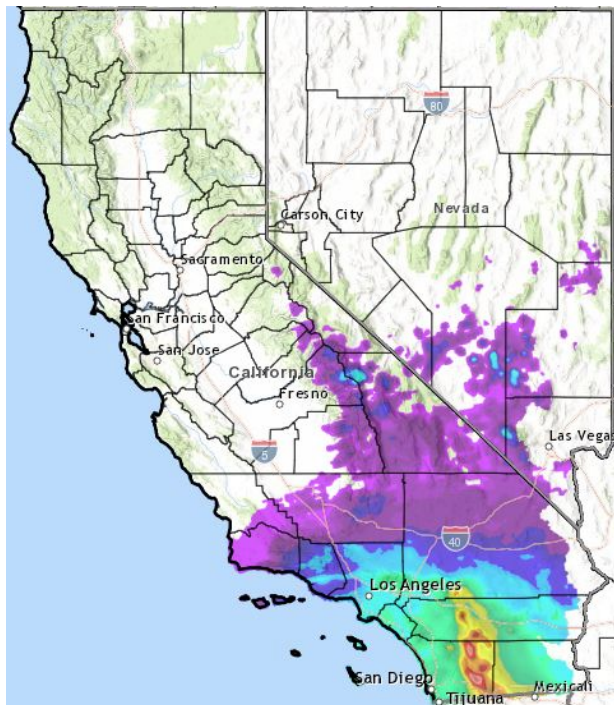


Precipitation Forecast

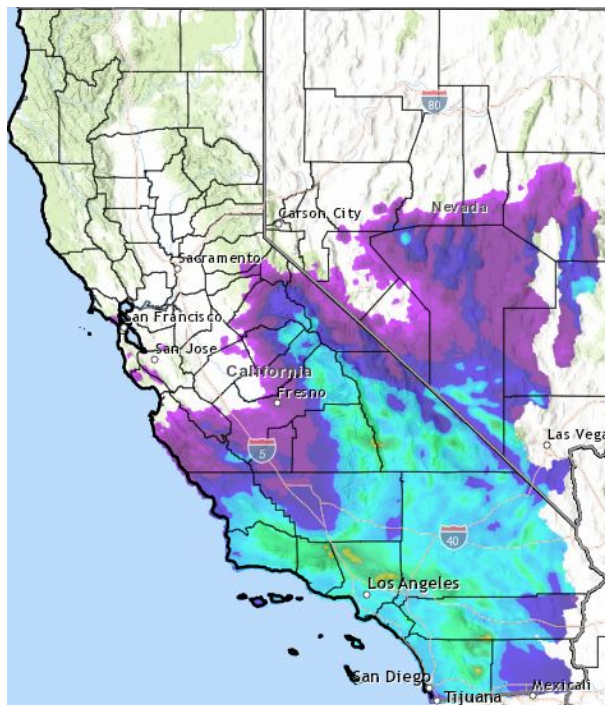
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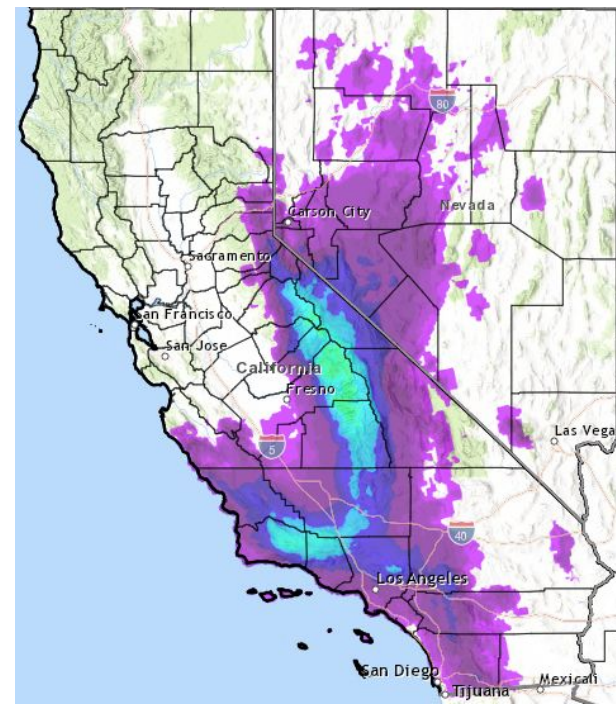
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Friday



Saturday



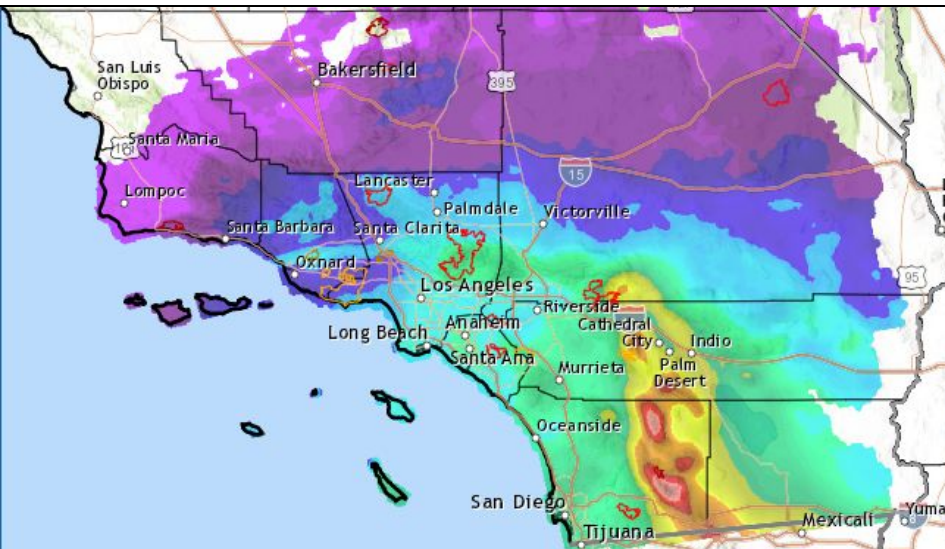
Sunday

Important Note: Forecast precipitation amounts are an average for any particular location. Thunderstorms will produce locally much higher rainfall amounts.

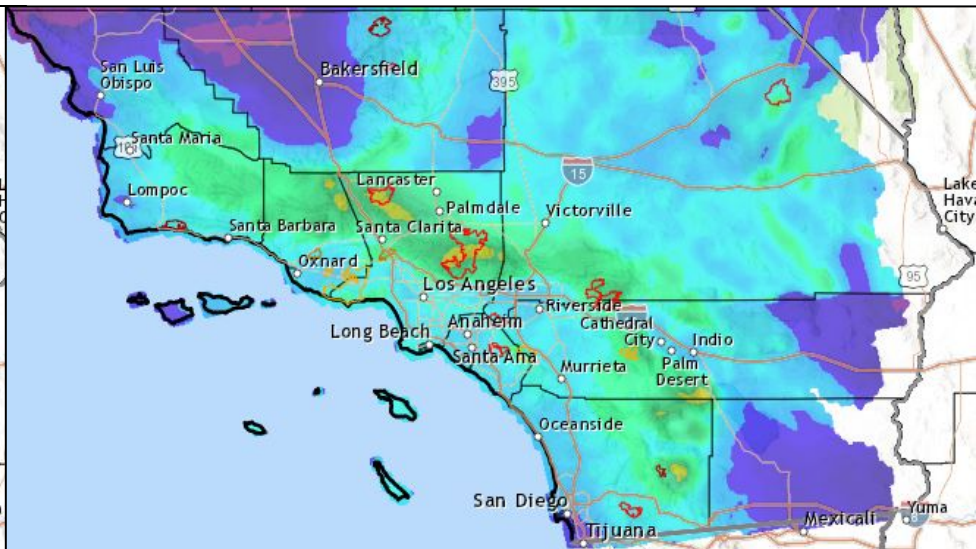
Precipitation (inches)



The burn scars of most concern are the Apple, Bobcat, Bond, El Dorado, Fish, Gulch, Lake, and Route Fires as well as the ongoing Radford and Fairview Fires



Friday



Saturday

Important Note: Forecast precipitation amounts are an average for any particular location. Thunderstorms will produce locally much higher rainfall amounts.

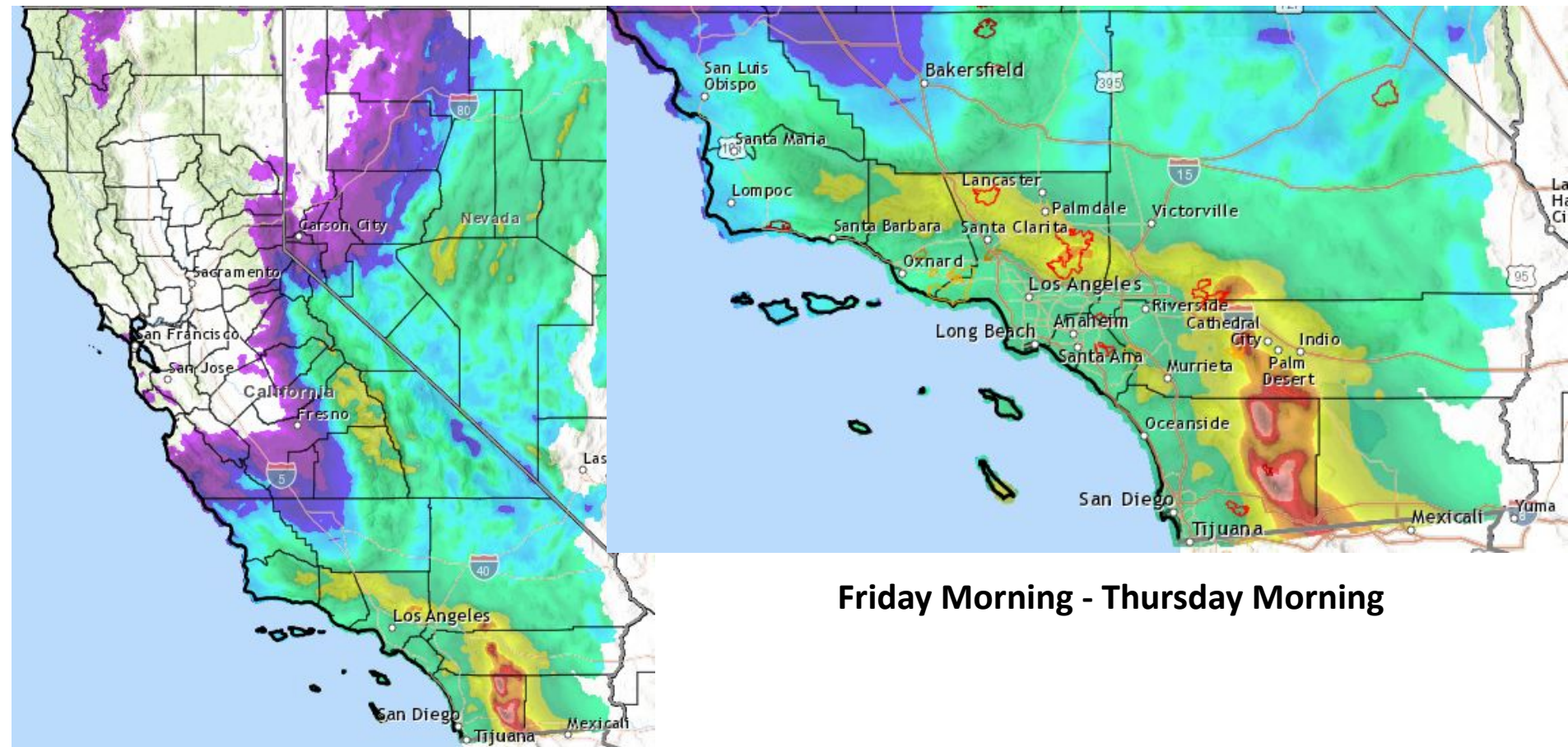
Precipitation (inches)





Total Precipitation Forecast

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Friday Morning - Thursday Morning

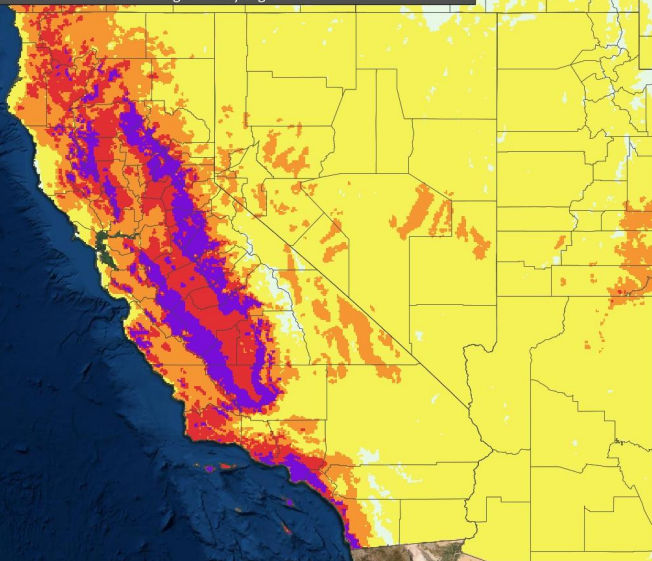
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Precipitation (inches)



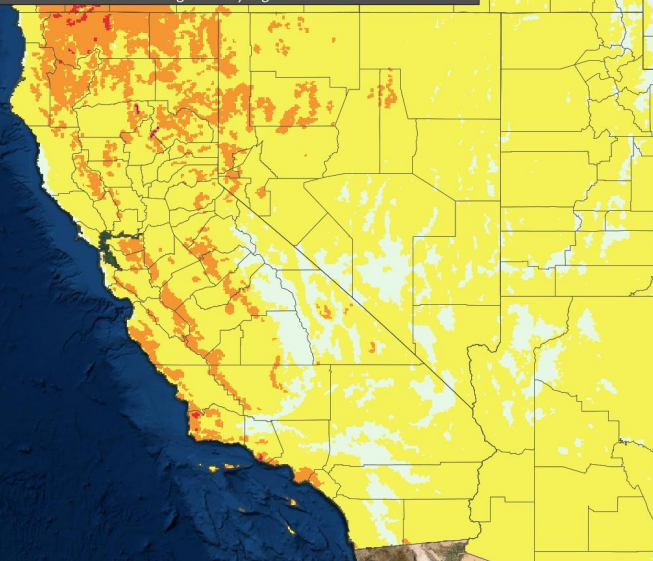
Friday's Forecast HeatRisk

None Low Mod High Very High



Saturday's Forecast HeatRisk

None Low Mod High Very High

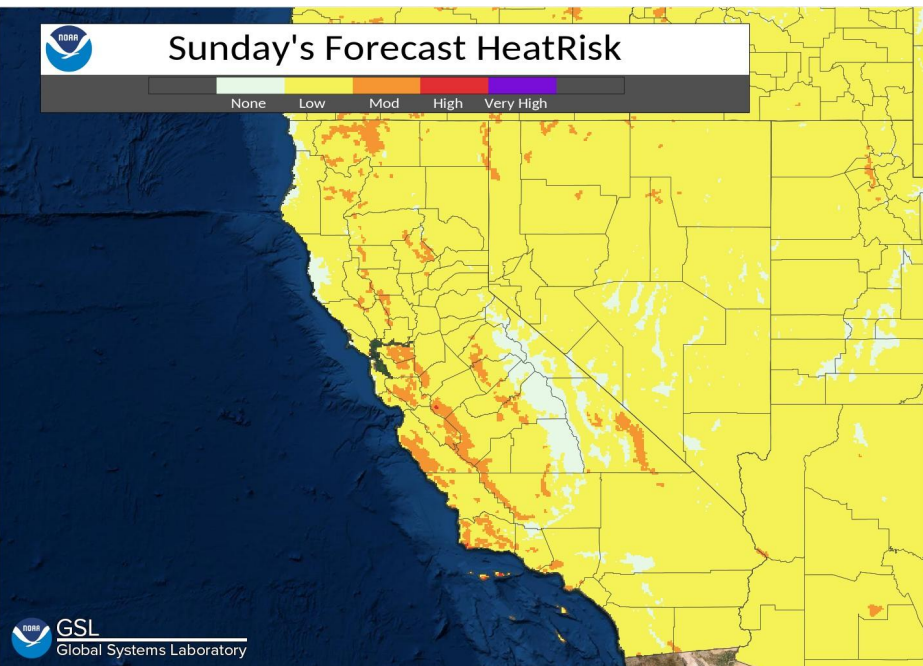


Green	Level 0	No Elevated Risk
Yellow	Level 1	Low Risk for those extremely sensitive to heat, especially those without effective cooling and/or adequate hydration
Orange	Level 2	Moderate Risk for those who are sensitive to heat, especially those without effective cooling and/or adequate hydration

Red	Level 3	High Risk for much of the population, especially those who are heat sensitive and those without effective cooling and/or adequate hydration
Magenta	Level 4	Very High Risk for the entire population due to long duration heat, with little to no relief overnight

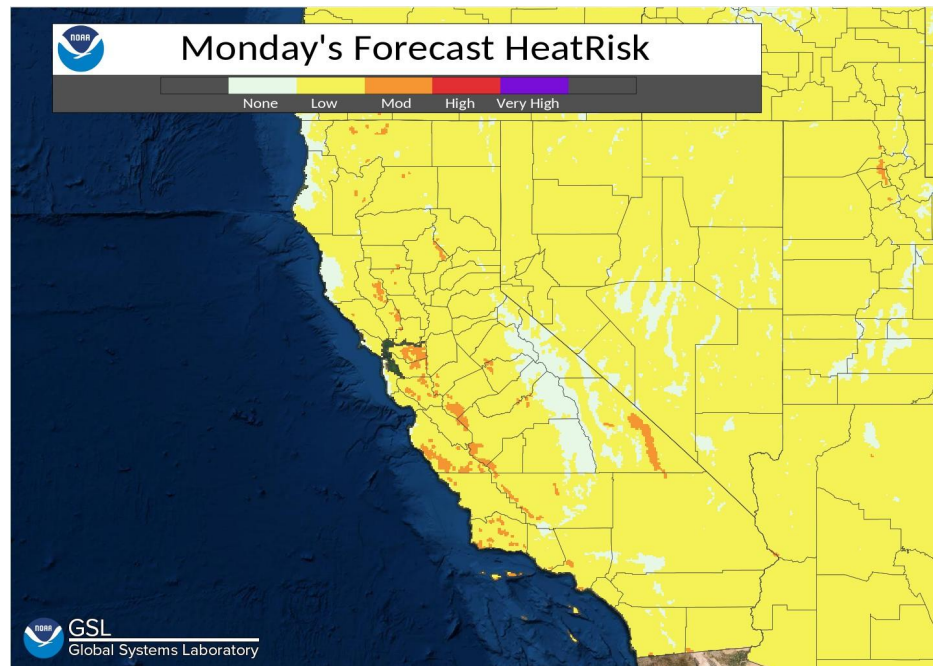
Sunday's Forecast HeatRisk

None Low Mod High Very High



Monday's Forecast HeatRisk

None Low Mod High Very High



Green	Level 0	No Elevated Risk
Yellow	Level 1	Low Risk for those extremely sensitive to heat, especially those without effective cooling and/or adequate hydration
Orange	Level 2	Moderate Risk for those who are sensitive to heat, especially those without effective cooling and/or adequate hydration

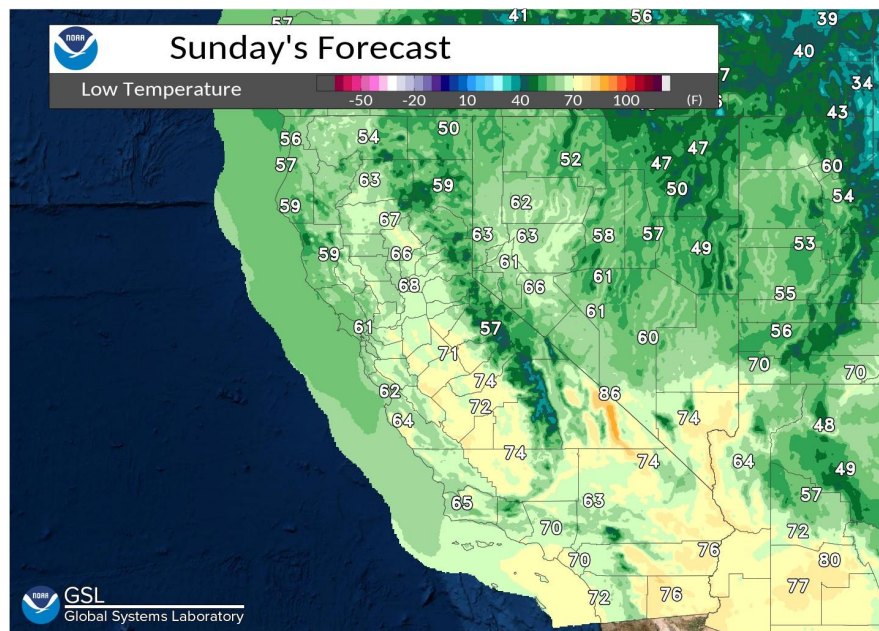
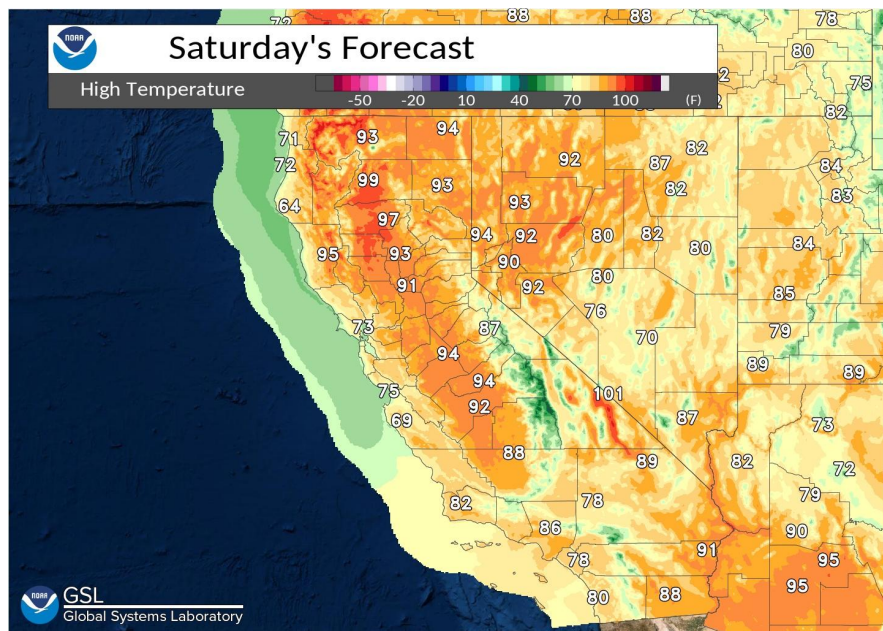
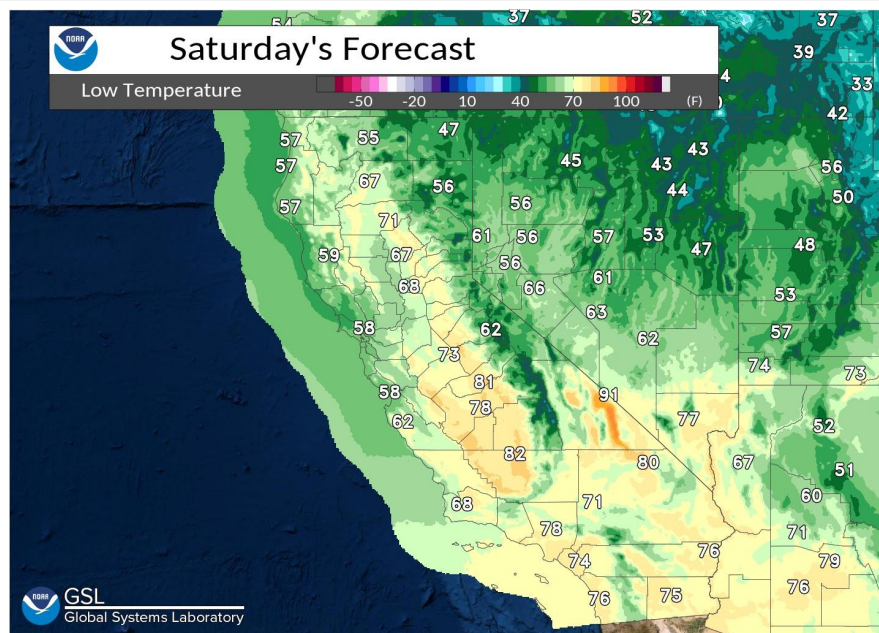
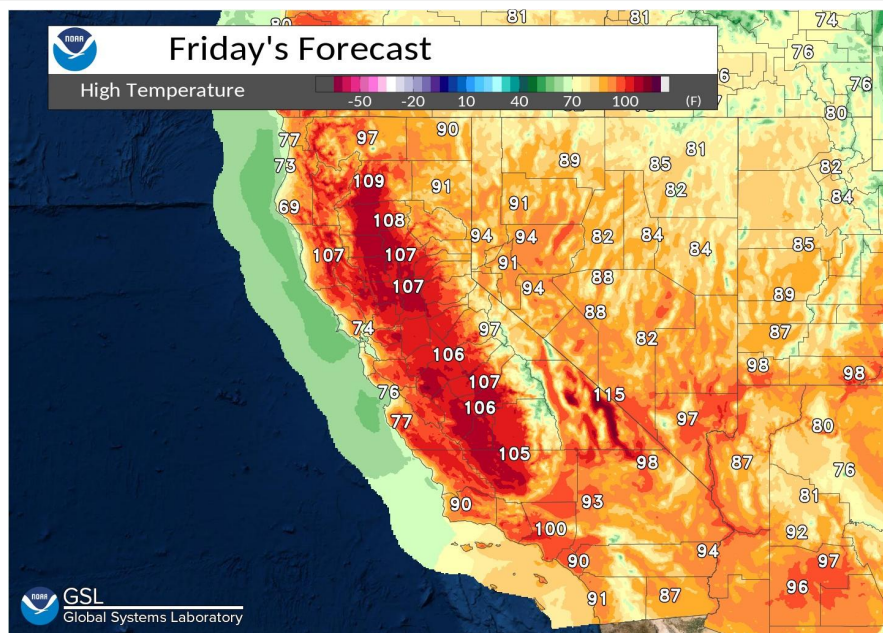
Red	Level 3	High Risk for much of the population, especially those who are heat sensitive and those without effective cooling and/or adequate hydration
Magenta	Level 4	Very High Risk for the entire population due to long duration heat, with little to no relief overnight

Fri-Sat Temperatures

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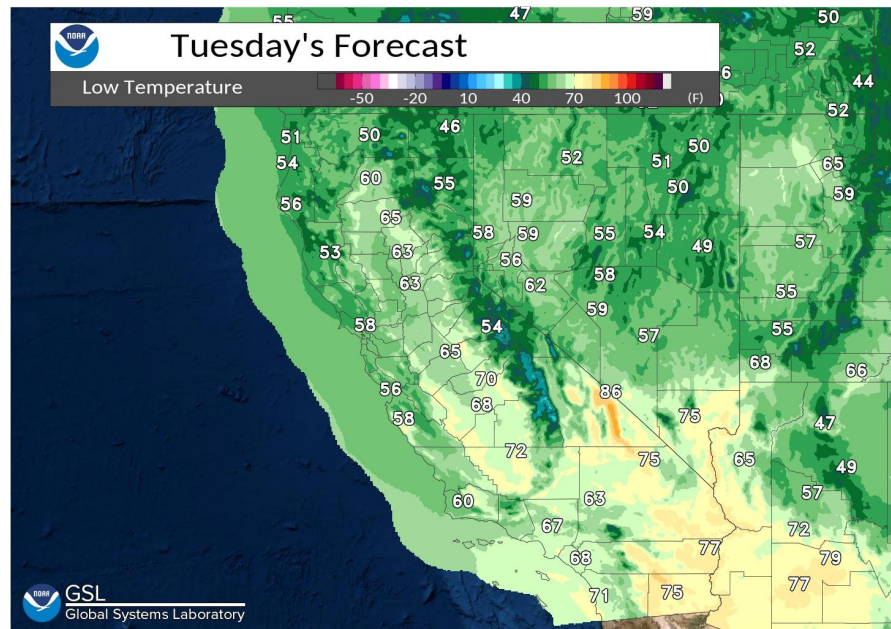
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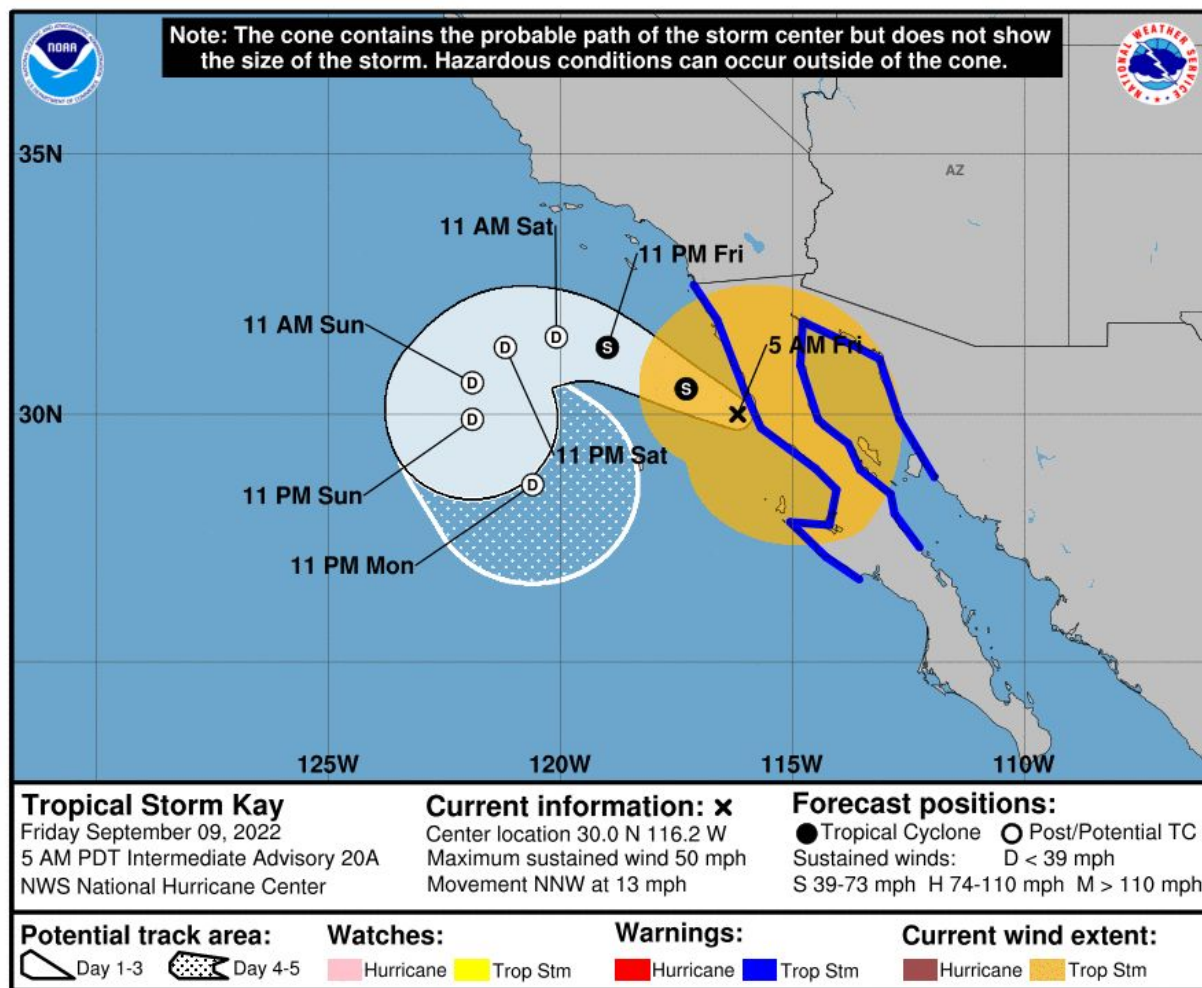
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Tropical Storm Kay Forecast

Key Points

- Tropical Storm Kay will remain offshore of the Baja California peninsula, recurving out to sea through early next week but bringing both increasing east winds and moisture to much of southern California later Friday and Saturday.
- Primary concerns are gusty winds across the southern California higher terrain and increased thunderstorm chances with the potential for heavy rain and some flooding



Continue to closely monitor forecasts this week

hurricanes.gov



Weather Outlook (6-14 Days)

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6-10 Day Outlook (September 14 – September 18)

Temperatures

- Below normal temperatures are favored statewide

Precipitation

- Above normal precipitation is favored for the Sierra and northern California, with near normal precipitation favored across the rest of the state

8-14 Day Outlook (September 15 – September 21)

Temperatures

- Below normal temperatures continue to be favored statewide

Precipitation

- Above normal precipitation is favored across far northern California, below normal precipitation is favored across the southern Sierra and southeastern California, and near normal precipitation is favored across the remainder of the state



Risk Assessment Matrix

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Western Region

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Impact Level Definition

- 1. Impactful weather is not expected.**
- 2. Potential threat to lives and property if no/incorrect actions are taken.**
 - Localized impacts on commerce possible.
 - Includes events that occur frequently.
- 3. Potential threat to lives and property if no/incorrect actions are taken.**
 - Impacts on commerce possible.
 - Includes events that occur a few times per year.
- 4. Actions likely needed to save lives and/or property.**
 - Significant impacts to commerce possible.
 - Includes events that occur infrequently.
- 5. Actions required to save lives and/or property.**
 - Significant and extended impacts to commerce.
 - Includes exceptionally rare events.

